

Title (en)
AQUEOUS SUSPENSIONS OF CICLESONIDE FOR NEBULISATION

Title (de)
WÄSSRIGE LÖSUNGEN VON CICLESONID ZUR NEBULISIERUNG

Title (fr)
SOLUTIONS AQUEUSES DE LA CICLESONIDE POUR LA NEBULISATION.

Publication
EP 2319858 A1 20110511 (EN)

Application
EP 10173237 A 20041215

Priority
• EP 04804847 A 20041215
• EP 03028848 A 20031216
• EP 10173237 A 20041215

Abstract (en)
This invention relates to pharmaceutical compositions in particular to sterile aqueous suspensions of ciclesonide for administration by nebulization in the prophylaxis and/or treatment of respiratory diseases.

IPC 8 full level
A61K 9/00 (2006.01); **A61K 31/58** (2006.01); **A61K 47/10** (2006.01); **A61K 47/12** (2006.01); **A61K 47/14** (2006.01); **A61K 47/26** (2006.01); **A61K 47/44** (2006.01); **C07J 71/00** (2006.01)

CPC (source: EP KR US)
A61K 9/0078 (2013.01 - EP US); **A61K 31/58** (2013.01 - EP US); **A61K 47/10** (2013.01 - EP US); **A61K 47/12** (2013.01 - US); **A61K 47/14** (2013.01 - US); **A61K 47/26** (2013.01 - EP US); **A61K 47/44** (2013.01 - EP US); **A61P 5/38** (2017.12 - EP); **A61P 11/00** (2017.12 - EP); **A61P 11/06** (2017.12 - EP); **C07J 71/00** (2013.01 - EP KR US); **C07J 71/0005** (2013.01 - EP US)

Citation (applicant)
• US 5482934 A 19960109 - CALATAYUD JOSE [ES], et al
• US 6264923 B1 20010724 - OLIVER MARTIN J [GB], et al
• US 6120752 A 20000919 - OLIVER MARTIN J [GB], et al
• WO 9925359 A1 19990527 - ASTRA AB [SE], et al
• WO 2004004739 A1 20040115 - TEIJIN LTD [JP], et al
• WO 9531964 A1 19951130 - GLAXO WELLCOME AUSTRALIA LTD [AU], et al
• WO 9422899 A1 19941013 - BYK GULDEN LOMBERG CHEM FAB [DE], et al
• WO 9809982 A1 19980312 - BYK GULDEN LOMBERG CHEM FAB [DE], et al

Citation (search report)
• [AD] US 5482934 A 19960109 - CALATAYUD JOSE [ES], et al
• [A] US 6392036 B1 20020521 - KARLSSON ANN-KRISTIN [SE], et al
• [A] WO 03086347 A1 20031023 - CHIESI FARMA SPA [IT], et al
• [X] WO 0128562 A1 20010426 - TEIJIN LTD [JP], et al
• [X] WO 02083113 A2 20021024 - DEY L P [US], et al
• [X] DE 10145361 A1 20030403 - PARI GMBH [DE]
• [X] WO 0247668 A2 20020620 - BOEHRINGER INGELHEIM PHARMA [DE], et al
• [XP] WO 2004004739 A1 20040115 - TEIJIN LTD [JP], et al
• [XP] US 2004023935 A1 20040205 - BANERJEE PARTHA S [US], et al
• [XP] WO 2004054545 A1 20040701 - CHIESI FARMA SPA [IT], et al
• [A] GORDON DENT: "Ciclesonide", CURRENT OPINION IN INVESTIGATIONAL DRUGS, vol. 3, no. 1, 1 January 2002 (2002-01-01), pages 78 - 83, XP001179540

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
WO 2005058935 A2 20050630; WO 2005058935 A3 20060518; AR 046892 A1 20051228; AU 2004298447 A1 20050630; AU 2004298447 B2 20110421; BR PI0416854 A 20070213; BR PI0416854 B1 20180502; BR PI0416854 B8 20210525; CA 2549038 A1 20050630; CA 2549038 C 20140805; CN 100513417 C 20090715; CN 1890256 A 20070103; CO 5700832 A2 20061130; EA 012388 B1 20091030; EA 200601091 A1 20061229; EC SP066608 A 20061025; EP 1697398 A2 20060906; EP 1697398 B1 20120704; EP 2319858 A1 20110511; EP 2319858 B1 20170809; HK 1098486 A1 20070720; IL 175461 A0 20060905; IL 175461 A 20131231; JP 2007513993 A 20070531; JP 5001657 B2 20120815; KR 101086095 B1 20111125; KR 20060122890 A 20061130; MY 159377 A 20161230; NO 20063047 L 20060905; NO 337225 B1 20160215; NZ 547217 A 20090531; PE 20050941 A1 20051108; TW 200524615 A 20050801; TW I350757 B 20111021; UA 87123 C2 20090625; US 11052042 B2 20210706; US 2007117783 A1 20070524; US 2016015634 A1 20160121; ZA 200603768 B 20071031

DOCDB simple family (application)
EP 2004053495 W 20041215; AR P040104661 A 20041215; AU 2004298447 A 20041215; BR PI0416854 A 20041215; CA 2549038 A 20041215; CN 200480036828 A 20041215; CO 06054801 A 20060607; EA 200601091 A 20041215; EC SP066608 A 20060605; EP 04804847 A 20041215; EP 10173237 A 20041215; HK 07104659 A 20070502; IL 17546106 A 20060507; JP 2006544438 A 20041215; KR 20067013760 A 20041215; MY PI20045134 A 20041214; NO 20063047 A 20060630; NZ 54721704 A 20041215; PE 2004001247 A 20041210; TW 93139206 A 20041216; UA A200607589 A 20041215; US 201514865637 A 20150925; US 58249904 A 20041215; ZA 200603768 A 20060511